

RAW SEQUENCE LISTING

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Application Serial Number: 10/579,168
Source: JFwp
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IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/579,168

DATE: 01/11/2007

TIME: 10:29:54

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Output Set: N:\CRF4\01112007\J579168.raw

3 <110> APPLICANT: The Queen's University of Belfast
 4 Mulligan, Karl
 5 McCormick, Derek
 6 Johnston, Patrick
 8 <120> TITLE OF INVENTION: Cancer Diagnosis and Therapy
 10 <130> FILE REFERENCE: 36290-0409-00-US (43784-226426)
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/579,168
 C--> 13 <141> CURRENT FILING DATE: 2006-05-12
 15 <150> PRIOR APPLICATION NUMBER: GB0326578.2
 16 <151> PRIOR FILING DATE: 2003-11-14
 18 <160> NUMBER OF SEQ ID NOS: 5
 20 <170> SOFTWARE: PatentIn version 3.3
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 2823
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Artificial Sequence
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: cDNA clone of MQ1 cell surface glycoprotein of Astrocytoma
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 69 gacatggaca aacaccagca gaaagcccgg tttgccaagc agccggcgta cacgctggta 1200
 71 gacagagaag agaagcccc caacggcagc ccgacaaaac acccaaactg gacaacaaa 1260
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| 83 | ccgacacgg | ctcgatcag | gctcccagg | gcctgcccag | ccccctggc | ttttagctcc | 1620 |
| 85 | cacttctgcc | agatgtccta | atggatgc | agtcttagat | catagttta | tttatattta | 1680 |
| 87 | ttgactctt | agttgtttt | gtatattgg | tttatatgta | cgtacaaga | gttctgtatt | 1740 |
| 89 | tgaaggcgcc | tttcagctc | agaaccacag | caacgatcac | aatgactt | attattttt | 1800 |
| 91 | tttttaatt | gtatttgt | tgttgggg | ggggagactt | tgatgtcagc | agttgtgg | 1860 |
| 93 | aaaatgaaga | attnaagaa | aaaaatgtca | aaagtagaac | tttgtatagt | tatgtaaata | 1920 |
| 95 | attctttttt | attaatcact | gtgtatattt | gatttattaa | cttataatc | aagagccta | 1980 |
| 97 | aaacatcatt | ccttttatt | tatatgtatg | tgtttagat | tgaaggttt | tgatagcatt | 2040 |
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| 101 | ttaagggtt | tgaaaatagt | ttatttaaa | acaataggat | gggcttcgt | gcccaagaata | 2160 |
| 103 | ctgatggat | tttttgtac | gacgtcagat | gtttaaaca | ccttctatag | catcaactaa | 2220 |
| 105 | aacacgtttt | aaggactgac | tgaggcagg | tgaggattag | tttagaacag | gtttttgt | 2280 |
| 107 | ttgtttgtt | tttgttttc | tgctttagac | ttgaaaagag | acaggcagg | gatctgctgc | 2340 |
| 109 | agagcgtaa | gggacaaca | tgagctatga | cttaacatag | ccaaaatgtg | agtgggtgaa | 2400 |
| 111 | tatgattaaa | aatatcaa | taattgtgt | aacttggaa | cacaccaatc | ttactttgt | 2460 |
| 113 | aattctgtatt | tctttcacc | attcgtacat | aatactgaac | cacttgtaga | tttgatttt | 2520 |
| 115 | tttttaatct | actgcattt | gggagattt | taataagcta | gttgaatact | tgaaccataa | 2580 |
| 117 | aatgtccagt | aagatcaact | tttagattt | ccatagagta | cactgcctc | cttaagttag | 2640 |
| 119 | gaaatcaaag | tgcttattac | agttcaaga | tcaaaaaggc | ttataaaaca | gagtaatctt | 2700 |
| 121 | gttgggtcac | cattgagacc | gtgaagatac | tttgtattgt | cctatttagt | tttatgtac | 2760 |
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| 133 | <220> | FEATURE: | | | | | |
| 134 | <223> | OTHER INFORMATION: | cdNA clone of MQ-1 cell surface glycoprotein of Astrocytoma | | | | |

cell

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| 141 | gcgaggtcg | gtcttccagt | ctccagccgg | tgaagacaaa | gtgcacctct | gactcctatt | 180 |
| 143 | accaggataa | ctgtgcgaac | atcacattt | ccttaacaa | ggagatgtat | tcaccaggtc | 240 |
| 145 | ttactacgg | gcacatttgc | agtgttgc | ggaatttgc | tattttgc | aatgtttccg | 300 |
| 147 | ctgaatattt | aatctacatc | gttgcgcgc | cttccccttc | agcgaacaat | gaaatacatg | 360 |
| 149 | tggccatttc | tgcttgcgc | atacggatg | atggaaaccc | gatcaaggaa | atactgaca | 420 |
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| 155 | gctctgtctt | aactgtgg | tggatgttt | gtttgtgc | ggccttctac | tgggcctgc | 600 |
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| 159 | acgtgcggg | gcagcttgc | cagatcaaaa | acccatttgc | gaaacatggg | gccacacacgg | 720 |
| 161 | tccccatcaa | ggattatg | aacaagaact | ccaaaatgtc | taaaataagg | acacacaatt | 780 |
| 163 | ctgaagttaga | agaggacgac | atggacaaac | accaggat | agcccggtt | gccaaagcgc | 840 |
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| 167 | caaactggac | aaacaaacag | gacaacagag | acttggaaag | tggccagac | ttaaaccgaa | 960 |
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| 177 | tgtgtgtccc cttgcaggcc acacggtctc ggatcaggct cccaggagcc tgcccagccc | 1260 |
| 179 | cctggctttt gagctccac ttctgccaga tgcctaatg gtatgcagt cttagatcat | 1320 |
| 181 | agttttattt atatttattt actcttgagt tggtttgtt tattggttt atgatgacgt | 1380 |
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| 187 | tgcagcagt tgctggtaaa atgaagaatt taaagaaaaa aatgtcaaaa gtagaacttt | 1560 |
| 189 | gtatagttat gtaataattt cttttttattt aatcaactgtg tatatttgc ttattaactt | 1620 |
| 191 | aataatcaag agcctaaaaa catcattcct ttttattttt atgtatgtt ttagaattga | 1680 |
| 193 | agtttttga tagcatttga agcgatggc ttttttttt tgaactcttc tcattacttg | 1740 |
| 195 | ttgcctataa gccaaaaattt aggtgtttga aaatagttt tttttttttt ataggatggg | 1800 |
| 197 | cttctgtgcc cagaatactg atggattttt tttgtacgac gtcagatgtt taaaacacct | 1860 |
| 199 | tctatagcat cactttttaaac acgttttaag gactgactga ggcagtttga ggatttagttt | 1920 |
| 201 | agaacaggtt tttttttt tttgtttttt gtttttctgc ttttagacttgg aaaagagaca | 1980 |
| 203 | ggcaggtgat ctgctgcaga gcagtaaggg aacaagtttga gctatgactt aacatagcca | 2040 |
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| 213 | tgcctgcctt aagtggaa atcaaagtgc tattacgaag ttcaagatca aaaaggctt | 2340 |
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VERIFICATION SUMMARY
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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date